

Amendments to the Specification

Please add the following new paragraph after the paragraph ending on line 3 of page 1:

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Cross-reference to related applications

This application is a divisional of application Serial No. 09/854,643, filed May 15, 2001. --.

Please replace the paragraph beginning on page 15, line 20 with the following written paragraph:

-- The moving cam ring 34 has a collar means 34d provided on an outer peripheral surface thereof, while the fixed barrel 2 has an abutment means 2b provided on an inner peripheral surface thereof at a location where the abutment means 2b can be brought into contact with the collar means 34d. The collar means 34d is comprised of ~~four~~ three elongated members (collars) which circumferentially extend on the outer peripheral surface of the moving cam ring 34 at equal intervals. The abutment means 2b is comprised of ~~two~~ three elongated members (abutments) each of which is longer than the elongated members of the collar means 34d, and which circumferentially extend on the inner peripheral surface of the fixed barrel 2 at diametrically opposite locations. As shown in FIGS. 2 and 10, when the moving cam ring 34 is rotated to shift from the collapsed position to the wide-angle position, that is when a picture is not taken, the collar means 34d is positioned on the image surface side with respect to the abutment means 2b on the fixed barrel 2. On the other hand, as shown in FIGS. 3, 4 and 10, when the moving cam ring 34 is positioned in a range from the wide-angle position to the telephoto position in which a picture can be taken, that is when a picture is taken, the collar

means 34d is always positioned on the object side with respect to the abutment means 2b, where the collar means 34d can abut on the abutment means 2b. --.

Please replace the paragraph beginning on page 17, line 15 with the following written paragraph:

-- Further, as shown in FIG. 13, the ~~third-group lens barrel 14~~ first-group lens barrel 3, the moving cam ring 34, the reduction gear 41 of the reduction gear train, the shaft 43, and the gaskets 45 are electrically connected to the casing 44 which is grounded to an electric circuit, so that even if static electricity is generated in the camera body, the static electricity does not adversely affect the electric circuit. --.

Please replace the paragraph beginning on page 21, line 7 with the following written paragraph:

-- In the present embodiment, the two photo interrupters 54 and 55 are employed as means for detecting the direction of rotation of the zoom motor 35. FIGS. 12B and 12C show output waveforms of the photo interrupters 54 and 55 and output signals from the photo interrupter 48 that determines the initial position (zoom reset position), FIG. 12B showing a case where the zoom motor 35 is rotating in one direction, and FIG. ~~2C~~ 12C a case where the zoom motor 35 is rotating in the other or reverse direction. When the zoom motor 35 is rotating clockwise (CW) as viewed in FIG. 11, the waveform of the photo interrupter 55 precedes the waveform of the photo interrupter 54 by 1/4 cycles, as shown in FIG. 12B, whereas when the zoom motor 35 is rotating counterclockwise (CCW) as viewed in FIG. 11, the waveform of the photo interrupter 55 lags behind that of the photo interrupter 54 by 1/4 cycles, as shown in FIG. 12C. --.